Assessment Requirements for ICTSAS519 Perform systems tests

Release: 1

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Modification History

Release	Comments
Release 1	This version first released with ICT Information and Communications Technology Training Package Version 4.0.

Performance Evidence

The candidate must demonstrate the ability to complete the tasks outlined in the elements and performance criteria of this unit; including evidence of the ability to:

- Perform two system tests on a system including:
  - develop acceptance criteria
  - develop test plans
  - prepare and initialise a clean test environment
  - test the operation and consistency of the total system prior to delivery according to system specifications, including testing:
    - performance
    - security
    - configuration sensitivity
    - start-up and recovery from failure modes
  - analyse and report test results
  - obtain and act on feedback coming from test results
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Knowledge Evidence

The candidate must be able to demonstrate knowledge to complete the tasks outlined in the elements and performance criteria of this unit. This includes:

- Key features and processes of automated test tools
- Typical procedures for system testing and acceptance
- Implications for organisational operations of system testing activities
- Software life cycles
- Test planning and scheduling
- Test script development
- Test environment preparation

Assessment Conditions

Skills must be demonstrated in a workplace or simulated environment where the conditions are typical of those in an ICT working environment or workplace. This includes:

- Relevant industry software packages
- Documentation of system requirements and design
- Organisational testing and acceptance processes
- Individual contact in operations in the organisation
- Superior in the organisation
- Hardware and environments for system test use
- System or application suitable for testing

Assessors of this unit must satisfy the assessor requirements in applicable vocational education and training legislation, frameworks and/or standards.

Links

Companion Volume Implementation Guides are available from VETNet - https://vetnet.gov.au/Pages/TrainingDocs.aspx?q=a53af4e4-b400-484e-b778-71c9e9d6aff2